Class Diagram

Name

- firstName: string

· lastName: string

+ Name(string, string)

+ getFullName(): string

+ getFirstName(): string

+ getLastName(): string + setLastName(string): void

+ setFirstName(string): void

+ Name()

- age: int country: string - scores: int [] + Competitor(int, Name, int, int, string, int []) + getNumber(): int + setNumber(int): void + getName(): Name + setName(Name): void + getLevelOfCompetitor(): int + setLevelOfCompetitor(int): void + getAge(): int + setAge(int): void + getCountry(): string + setCountry(string): void + getOverallScore(): double + getLevelOfCompetitorName(): string + getFullDetails(): string + getShortDetails(): string + getScoreArray(): int[]

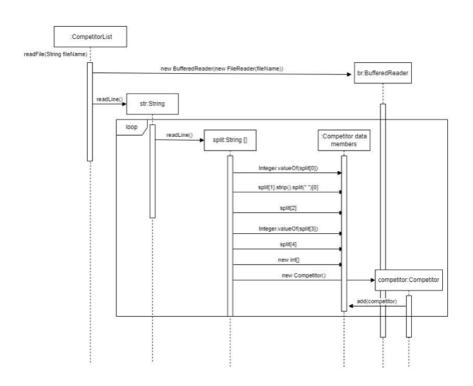
Competitor

- number: int
- name: Name
- levelOfCompetitor: int

CompetitorList - competitorList: ArrayList<Competitor> + CompetitorList() + readFile(string): void + reportToFile (string): void - getLevelNumber(string): int + checkisValidCompetitorNo(int): void

Sequence diagram

While reading competitor records from the input file.





use case-diagram

